



Solve each problem.

**Answers**

- 1) Olivia made herself a cup of hot chocolate that was  $77^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $25^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 2) A news station reported that the current temperature was  $40^{\circ}\text{F}$ , but next week it would be  $36^{\circ}$  warmer. What temperature will it be next week?
- 3) A city in Alaska had a temperature of  $70^{\circ}\text{F}$  during the day, but at night the temperature dropped  $26^{\circ}$ . What temperature was it at night?
- 4) The instructions to cook a pizza say to set the oven at  $340^{\circ}\text{F}$ . If Tiffany set her oven at  $357^{\circ}\text{F}$ , how much warmer was her oven than the instructions said?
- 5) A desert in Africa had an average temperature last year of  $121^{\circ}\text{F}$ . If the average temperature this year was  $15^{\circ}$  warmer, what is the average temperature this year?
- 6) On Sunday it was  $75^{\circ}\text{F}$ . On Monday it was  $15^{\circ}$  warmer. What temperature was it on Monday?
- 7) Haley heated up a slice of pizza in the microwave. When she got the pizza out it was  $134^{\circ}\text{F}$ . If the microwave heated it up  $43^{\circ}$ , what temperature was it when she originally put the pizza in?
- 8) The average temperature for January was  $33^{\circ}\text{F}$ . The average temperature for February was  $47^{\circ}\text{F}$ . How much warmer was February than January?
- 9) When Faye went to the park at 2:30 PM it was  $72^{\circ}\text{F}$ . By the time she left it had gotten  $11^{\circ}$  cooler. What temperature was it when she left the park?
- 10) On Sunday it was  $53^{\circ}\text{F}$ . On Monday it was  $66^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?

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- 9) When Faye went to the park at 2:30 PM it was  $72^{\circ}\text{F}$ . By the time she left it had gotten  $11^{\circ}$  cooler. What temperature was it when she left the park?
- 10) On Sunday it was  $53^{\circ}\text{F}$ . On Monday it was  $66^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?

**Answers**

1. 102°
2. 76°
3. 44°
4. 17°
5. 136°
6. 90°
7. 91°
8. 14°
9. 61°
10. 13°



Solve each problem.

**Answers**

136°	91°	76°	13°	44°
90°	14°	102°	17°	61°

- 1) Olivia made herself a cup of hot chocolate that was 77°F. After she put it in the microwave the temperature rose 25°. What temperature was the hot chocolate after she heated it?
- 2) A news station reported that the current temperature was 40°F, but next week it would be 36° warmer. What temperature will it be next week?
- 3) A city in Alaska had a temperature of 70°F during the day, but at night the temperature dropped 26°. What temperature was it at night?
- 4) The instructions to cook a pizza say to set the oven at 340°F. If Tiffany set her oven at 357° F, how much warmer was her oven than the instructions said?
- 5) A desert in Africa had an average temperature last year of 121°F. If the average temperature this year was 15° warmer, what is the average temperature this year?
- 6) On Sunday it was 75°F. On Monday it was 15° warmer. What temperature was it on Monday?
- 7) Haley heated up a slice of pizza in the microwave. When she got the pizza out it was 134°F. If the microwave heated it up 43°, what temperature was it when she originally put the pizza in?
- 8) The average temperature for January was 33°F. The average temperature for February was 47°F. How much warmer was February than January?
- 9) When Faye went to the park at 2:30 PM it was 72°F. By the time she left it had gotten 11° cooler. What temperature was it when she left the park?
- 10) On Sunday it was 53°F. On Monday it was 66° F. How much did the temperature change between Sunday and Monday?

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Solve each problem.

**Answers**

- 1) The temperature inside a freezer was  $27^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $29^{\circ}$ . What temperature was it after the door was left open?
- 2) The temperature at 7:00 AM was  $52^{\circ}\text{F}$ . By 11:00 AM it had warmed up  $14^{\circ}$ . What was the temperature at 11:00 AM?
- 3) The temperature inside a store was  $99^{\circ}\text{F}$ . If the temperature outside the store was  $29^{\circ}$  colder, what temperature was it outside?
- 4) The temperature inside a store was  $76^{\circ}\text{F}$ . If the temperature outside the store was  $11^{\circ}$  warmer, what temperature was it outside?
- 5) Gwen measured the temperature of her soda and found that it was  $78^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $20^{\circ}$ . What temperature was the soda after an hour?
- 6) Will read was reading a book about a planet that was  $289^{\circ}\text{F}$  during the day and  $179^{\circ}\text{F}$  at night. What is the difference between the temperature during the day and the temperature at night?
- 7) Robin set the thermostat in her house to  $74^{\circ}\text{F}$ , while the temperature outside was  $84^{\circ}\text{F}$ . How much cooler was Robin's house than the temperature outside?
- 8) When Faye went to the park at 2:30 PM it was  $80^{\circ}\text{F}$ . By the time she left at 5:30 PM it was  $95^{\circ}\text{F}$ . How much did the temperature change?
- 9) A weather station predicted the temperature on Saturday would be  $51^{\circ}\text{F}$ . If the actual temperature was  $65^{\circ}\text{F}$ , how much warmer was it than they predicted?
- 10) An industrial machine is  $213^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down  $51^{\circ}$ . What temperature is the machine after it cools down?

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- 1) The temperature inside a freezer was  $27^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $29^{\circ}$ . What temperature was it after the door was left open?
- 2) The temperature at 7:00 AM was  $52^{\circ}\text{F}$ . By 11:00 AM it had warmed up  $14^{\circ}$ . What was the temperature at 11:00 AM?
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- 9) A weather station predicted the temperature on Saturday would be  $51^{\circ}\text{F}$ . If the actual temperature was  $65^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 10) An industrial machine is  $213^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down  $51^{\circ}$ . What temperature is the machine after it cools down?

**Answers**

1. 56°
2. 66°
3. 70°
4. 87°
5. 58°
6. 110°
7. 10°
8. 15°
9. 14°
10. 162°



Solve each problem.

**Answers**

56°	58°	14°	70°	10°
87°	162°	66°	15°	110°

- 1) The temperature inside a freezer was 27°F. After the door was left open for an hour the temperature had risen 29°. What temperature was it after the door was left open?
- 2) The temperature at 7:00 AM was 52°F. By 11:00 AM it had warmed up 14°. What was the temperature at 11:00 AM?
- 3) The temperature inside a store was 99°F. If the temperature outside the store was 29° colder, what temperature was it outside?
- 4) The temperature inside a store was 76°F. If the temperature outside the store was 11° warmer, what temperature was it outside?
- 5) Gwen measured the temperature of her soda and found that it was 78°F. After putting it in her freezer for an hour it cooled off 20°. What temperature was the soda after an hour?
- 6) Will read was reading a book about a planet that was 289°F during the day and 179°F at night. What is the difference between the temperature during the day and the temperature at night?
- 7) Robin set the thermostat in her house to 74°F, while the temperature outside was 84°F. How much cooler was Robin's house then the temperature outside?
- 8) When Faye went to the park at 2:30 PM it was 80°F. By the time she left at 5:30 PM it was 95° F. How much did the temperature change?
- 9) A weather station predicted the temperature on Saturday would be 51°F. If the actual temperature was 65°F, how much warmer was it then they predicted?
- 10) An industrial machine is 213°F when it's being used. After being unused for an hour the machine cools down 51°. What temperature is the machine after it cools down?

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**Solve each problem.****Answers**

- 1) A scientist had a liquid that was  $80^{\circ}\text{F}$ . If he needed it to be  $96^{\circ}\text{F}$  for an experiment, how much would he need to heat it up?
- 2) A weather station predicted the temperature on Saturday would be  $92^{\circ}\text{F}$ . If the actual temperature was  $15^{\circ}$  colder than their prediction, what temperature was it?
- 3) A weather station predicted the temperature on Saturday would be  $62^{\circ}\text{F}$ . If the actual temperature was  $76^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 4) The temperature inside a store was  $74^{\circ}\text{F}$ . If the temperature outside the store was  $10^{\circ}$  warmer, what temperature was it outside?
- 5) A city in Alaska had a temperature of  $71^{\circ}\text{F}$  during the day, but at night the temperature dropped  $30^{\circ}$ . What temperature was it at night?
- 6) Amy heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $56^{\circ}\text{F}$ . If it was  $98^{\circ}\text{F}$  when she took it out, how much did the microwave heat it?
- 7) Nancy measured the temperature of her soda and found that it was  $41^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $24^{\circ}$ . What temperature was the soda after an hour?
- 8) Emily heated up a slice of pizza in the microwave. When she got the pizza out it was  $156^{\circ}\text{F}$ . If the microwave heated it up  $46^{\circ}$ , what temperature was it when she originally put the pizza in?
- 9) Sarah set the thermostat in her house to  $71^{\circ}\text{F}$ , while the temperature outside was  $86^{\circ}\text{F}$ . How much cooler was Sarah's house then the temperature outside?
- 10) Ned read in his science book about a planet that was  $270^{\circ}\text{F}$  during the day but at night the temperature dropped  $75^{\circ}$ . What temperature was the planet at night?

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- 4) The temperature inside a store was  $74^{\circ}\text{F}$ . If the temperature outside the store was  $10^{\circ}$  warmer, what temperature was it outside?
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- 10) Ned read in his science book about a planet that was  $270^{\circ}\text{F}$  during the day but at night the temperature dropped  $75^{\circ}$ . What temperature was the planet at night?

**Answers**

1. 16°
2. 77°
3. 14°
4. 84°
5. 41°
6. 42°
7. 65°
8. 110°
9. 15°
10. 195°





Solve each problem.

**Answers**

65°	15°	41°	14°	16°
195°	84°	77°	110°	42°

- 1) A scientist had a liquid that was 80°F. If he needed it to be 96°F for an experiment, how much would he need to heat it up?
- 2) A weather station predicted the temperature on Saturday would be 92°F. If the actual temperature was 15° colder than their prediction, what temperature was it?
- 3) A weather station predicted the temperature on Saturday would be 62°F. If the actual temperature was 76°F, how much warmer was it then they predicted?
- 4) The temperature inside a store was 74°F. If the temperature outside the store was 10° warmer, what temperature was it outside?
- 5) A city in Alaska had a temperature of 71°F during the day, but at night the temperature dropped 30°. What temperature was it at night?
- 6) Amy heated up a slice of pizza in the microwave. Before she put it in, the pizza was 56°F. If it was 98° F when she took it out, how much did the microwave heat it?
- 7) Nancy measured the temperature of her soda and found that it was 41°F. After sitting out for an hour it had warmed 24°. What temperature was the soda after an hour?
- 8) Emily heated up a slice of pizza in the microwave. When she got the pizza out it was 156°F. If the microwave heated it up 46°, what temperature was it when she originally put the pizza in?
- 9) Sarah set the thermostat in her house to 71°F, while the temperature outside was 86°F. How much cooler was Sarah's house then the temperature outside?
- 10) Ned read in his science book about a planet that was 270°F during the day but at night the temperature dropped 75°. What temperature was the planet at night?

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**Solve each problem.****Answers**

- 1) A news station reported that the current temperature was  $91^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $34^{\circ}$ . What temperature will it be after the cold front hits?
- 2) The average temperature for January was  $46^{\circ}\text{F}$ . The average temperature for February was  $14^{\circ}$  colder. What was the average temperature for February?
- 3) A city in Alaska had a temperature of  $79^{\circ}\text{F}$  during the day, but at night the temperature dropped  $21^{\circ}$ . What temperature was it at night?
- 4) A desert in Africa had an average temperature last year of  $112^{\circ}\text{F}$ . If the average temperature this year is  $122^{\circ}\text{F}$ , how much warmer is it this year?
- 5) Sarah measured the temperature of her soda and found that it was  $59^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $18^{\circ}$ . What temperature was the soda after an hour?
- 6) A city in Alaska had a temperature of  $76^{\circ}\text{F}$  during the day, but at night the temperature dropped to  $49^{\circ}\text{F}$ . How much colder was it at night?
- 7) A news station reported that the current temperature was  $53^{\circ}\text{F}$ , but next week it would be  $20^{\circ}$  warmer. What temperature will it be next week?
- 8) A weather station predicted the temperature on Saturday would be  $72^{\circ}\text{F}$ . If the actual temperature was  $84^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 9) When Carol went to the park at 2:30 it was  $63^{\circ}\text{F}$ . By the time she left it had gotten  $18^{\circ}$  warmer. What temperature was it when she left the park?
- 10) A scientist had a liquid that was  $90^{\circ}\text{F}$ . If he needed to heat it up another  $19^{\circ}$  for an experiment, what temperature was he trying to make the liquid?

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- 7) A news station reported that the current temperature was  $53^{\circ}\text{F}$ , but next week it would be  $20^{\circ}$  warmer. What temperature will it be next week?
- 8) A weather station predicted the temperature on Saturday would be  $72^{\circ}\text{F}$ . If the actual temperature was  $84^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 9) When Carol went to the park at 2:30 it was  $63^{\circ}\text{F}$ . By the time she left it had gotten  $18^{\circ}$  warmer. What temperature was it when she left the park?
- 10) A scientist had a liquid that was  $90^{\circ}\text{F}$ . If he needed to heat it up another  $19^{\circ}$  for an experiment, what temperature was he trying to make the liquid?

**Answers**

1. 57°
2. 32°
3. 58°
4. 10°
5. 41°
6. 27°
7. 73°
8. 12°
9. 81°
10. 109°



Solve each problem.

**Answers**

81°	109°	57°	41°	73°
32°	10°	58°	12°	27°

- 1) A news station reported that the current temperature was 91°F, but when the cold front came in later the temperature would drop 34°. What temperature will it be after the cold front hits?
- 2) The average temperature for January was 46°F. The average temperature for February was 14° colder. What was the average temperature for February?
- 3) A city in Alaska had a temperature of 79°F during the day, but at night the temperature dropped 21°. What temperature was it at night?
- 4) A desert in Africa had an average temperature last year of 112°F. If the average temperature this year is 122°F, how much warmer is it this year?
- 5) Sarah measured the temperature of her soda and found that it was 59°F. After putting it in her freezer for an hour it cooled off 18°. What temperature was the soda after an hour?
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- 8) A weather station predicted the temperature on Saturday would be 72°F. If the actual temperature was 84°F, how much warmer was it then they predicted?
- 9) When Carol went to the park at 2:30 it was 63°F. By the time she left it had gotten 18° warmer. What temperature was it when she left the park?
- 10) A scientist had a liquid that was 90°F. If he needed to heat it up another 19° for an experiment, what temperature was he trying to make the liquid?

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**Solve each problem.****Answers**

- 1) On Sunday it was  $63^{\circ}\text{F}$ . On Monday it was  $75^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?
- 2) The instructions to cook a turkey say to set the oven at  $341^{\circ}\text{F}$ . If Lana set her oven  $10^{\circ}$  cooler than the instructions said, what temperature did she set her oven?
- 3) When Ned went to the beach in the morning it was  $75^{\circ}\text{F}$ . When he came back in the afternoon it was  $13^{\circ}$  warmer. What temperature was it in the afternoon?
- 4) A desert in Africa had an average temperature last year of  $110^{\circ}\text{F}$ . If the average temperature this year is  $123^{\circ}\text{F}$ , how much warmer is it this year?
- 5) Isabel heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $51^{\circ}\text{F}$ . If the microwave heated it up  $33^{\circ}$ , what temperature was it when she took it out?
- 6) The temperature inside a freezer was  $25^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $22^{\circ}$ . What temperature was it after the door was left open?
- 7) The temperature inside a store was  $63^{\circ}\text{F}$ . If the temperature outside the store was  $11^{\circ}$  warmer, what temperature was it outside?
- 8) When Henry went to the beach in the afternoon it was  $75^{\circ}\text{F}$ . When he came back later that night it was  $12^{\circ}$  colder. What temperature was it at night?
- 9) The temperature at 7:00 PM was  $88^{\circ}\text{F}$ . By 11:00 PM it had cooled down  $10^{\circ}$ . What was the temperature at 11:00 PM?
- 10) On Sunday it was  $83^{\circ}\text{F}$ . On Monday it was  $14^{\circ}$  colder. What temperature was it on Monday?

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**Solve each problem.**

- 1) On Sunday it was  $63^{\circ}\text{F}$ . On Monday it was  $75^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?
- 2) The instructions to cook a turkey say to set the oven at  $341^{\circ}\text{F}$ . If Lana set her oven  $10^{\circ}$  cooler than the instructions said, what temperature did she set her oven?
- 3) When Ned went to the beach in the morning it was  $75^{\circ}\text{F}$ . When he came back in the afternoon it was  $13^{\circ}$  warmer. What temperature was it in the afternoon?
- 4) A desert in Africa had an average temperature last year of  $110^{\circ}\text{F}$ . If the average temperature this year is  $123^{\circ}\text{F}$ , how much warmer is it this year?
- 5) Isabel heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $51^{\circ}\text{F}$ . If the microwave heated it up  $33^{\circ}$ , what temperature was it when she took it out?
- 6) The temperature inside a freezer was  $25^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $22^{\circ}$ . What temperature was it after the door was left open?
- 7) The temperature inside a store was  $63^{\circ}\text{F}$ . If the temperature outside the store was  $11^{\circ}$  warmer, what temperature was it outside?
- 8) When Henry went to the beach in the afternoon it was  $75^{\circ}\text{F}$ . When he came back later that night it was  $12^{\circ}$  colder. What temperature was it at night?
- 9) The temperature at 7:00 PM was  $88^{\circ}\text{F}$ . By 11:00 PM it had cooled down  $10^{\circ}$ . What was the temperature at 11:00 PM?
- 10) On Sunday it was  $83^{\circ}\text{F}$ . On Monday it was  $14^{\circ}$  colder. What temperature was it on Monday?

**Answers**

1. 12°
2. 331°
3. 88°
4. 13°
5. 84°
6. 47°
7. 74°
8. 63°
9. 78°
10. 69°



Solve each problem.

**Answers**

69°	74°	47°	78°	331°
12°	63°	13°	88°	84°

1) On Sunday it was 63°F. On Monday it was 75° F. How much did the temperature change between Sunday and Monday?

1. \_\_\_\_\_

2) The instructions to cook a turkey say to set the oven at 341°F. If Lana set her oven 10° cooler than the instructions said, what temperature did she set her oven?

2. \_\_\_\_\_

3) When Ned went to the beach in the morning it was 75°F. When he came back in the afternoon it was 13° warmer. What temperature was it in the afternoon?

3. \_\_\_\_\_

4) A desert in Africa had an average temperature last year of 110°F. If the average temperature this year is 123°F, how much warmer is it this year?

4. \_\_\_\_\_

5) Isabel heated up a slice of pizza in the microwave. Before she put it in, the pizza was 51°F. If the microwave heated it up 33°, what temperature was it when she took it out?

5. \_\_\_\_\_

6) The temperature inside a freezer was 25°F. After the door was left open for an hour the temperature had risen 22°. What temperature was it after the door was left open?

6. \_\_\_\_\_

7) The temperature inside a store was 63°F. If the temperature outside the store was 11° warmer, what temperature was it outside?

7. \_\_\_\_\_

8) When Henry went to the beach in the afternoon it was 75°F. When he came back later that night it was 12° colder. What temperature was it at night?

8. \_\_\_\_\_

9) The temperature at 7:00 PM was 88°F. By 11:00 PM it had cooled down 10°. What was the temperature at 11:00 PM?

9. \_\_\_\_\_

10) On Sunday it was 83°F. On Monday it was 14° colder. What temperature was it on Monday?

10. \_\_\_\_\_

**Solve each problem.****Answers**

- 1) On Sunday it was  $79^{\circ}\text{F}$ . On Monday it was  $91^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?
- 2) When Robin went to the park at 2:30 it was  $73^{\circ}\text{F}$ . By the time she left it had gotten  $10^{\circ}$  warmer. What temperature was it when she left the park?
- 3) The temperature inside a truck was  $83^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $113^{\circ}\text{F}$ . How much did the truck warm up?
- 4) The temperature inside a store was  $60^{\circ}\text{F}$ . If the temperature outside the store was  $11^{\circ}$  warmer, what temperature was it outside?
- 5) Jerry read in his science book about a planet that was  $256^{\circ}\text{F}$  during the day but at night the temperature dropped  $78^{\circ}$ . What temperature was the planet at night?
- 6) In July, the average temperature in Florida was  $105^{\circ}\text{F}$ , while the average temperature in California was  $8^{\circ}$  cooler. What was the average temperature in California?
- 7) The average temperature for January was  $47^{\circ}\text{F}$ . The average temperature for February was  $18^{\circ}$  warmer. What was the average temperature for February?
- 8) An industrial machine is  $202^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down to  $146^{\circ}\text{F}$ . How much does the machine cool down?
- 9) Nancy measured the temperature of her soda and found that it was  $56^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $13^{\circ}$ . What temperature was the soda after an hour?
- 10) A news station reported that the current temperature was  $85^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $31^{\circ}$ . What temperature will it be after the cold front hits?

1. \_\_\_\_\_
2. \_\_\_\_\_
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6. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



**Solve each problem.**

- 1) On Sunday it was  $79^{\circ}\text{F}$ . On Monday it was  $91^{\circ}\text{F}$ . How much did the temperature change between Sunday and Monday?
- 2) When Robin went to the park at 2:30 it was  $73^{\circ}\text{F}$ . By the time she left it had gotten  $10^{\circ}$  warmer. What temperature was it when she left the park?
- 3) The temperature inside a truck was  $83^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $113^{\circ}\text{F}$ . How much did the truck warm up?
- 4) The temperature inside a store was  $60^{\circ}\text{F}$ . If the temperature outside the store was  $11^{\circ}$  warmer, what temperature was it outside?
- 5) Jerry read in his science book about a planet that was  $256^{\circ}\text{F}$  during the day but at night the temperature dropped  $78^{\circ}$ . What temperature was the planet at night?
- 6) In July, the average temperature in Florida was  $105^{\circ}\text{F}$ , while the average temperature in California was  $8^{\circ}$  cooler. What was the average temperature in California?
- 7) The average temperature for January was  $47^{\circ}\text{F}$ . The average temperature for February was  $18^{\circ}$  warmer. What was the average temperature for February?
- 8) An industrial machine is  $202^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down to  $146^{\circ}\text{F}$ . How much does the machine cool down?
- 9) Nancy measured the temperature of her soda and found that it was  $56^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $13^{\circ}$ . What temperature was the soda after an hour?
- 10) A news station reported that the current temperature was  $85^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $31^{\circ}$ . What temperature will it be after the cold front hits?

**Answers**

1. 12°
2. 83°
3. 30°
4. 71°
5. 178°
6. 97°
7. 65°
8. 56°
9. 69°
10. 54°



Solve each problem.

**Answers**

97°	54°	178°	56°	12°
83°	65°	30°	69°	71°

- 1) On Sunday it was 79°F. On Monday it was 91° F. How much did the temperature change between Sunday and Monday?
- 2) When Robin went to the park at 2:30 it was 73°F. By the time she left it had gotten 10° warmer. What temperature was it when she left the park?
- 3) The temperature inside a truck was 83°F. After sitting in the sun for an hour the temperature rose to 113° F. How much did the truck warm up?
- 4) The temperature inside a store was 60°F. If the temperature outside the store was 11° warmer, what temperature was it outside?
- 5) Jerry read in his science book about a planet that was 256°F during the day but at night the temperature dropped 78°. What temperature was the planet at night?
- 6) In July, the average temperature in Florida was 105°F, while the average temperature in California was 8° cooler. What was the average temperature in California?
- 7) The average temperature for January was 47°F. The average temperature for February was 18° warmer. What was the average temperature for February?
- 8) An industrial machine is 202°F when it's being used. After being unused for an hour the machine cools down to 146°F. How much does the machine cool down?
- 9) Nancy measured the temperature of her soda and found that it was 56°F. After sitting out for an hour it had warmed 13°. What temperature was the soda after an hour?
- 10) A news station reported that the current temperature was 85°F, but when the cold front came in later the temperature would drop 31°. What temperature will it be after the cold front hits?

1. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_

**Solve each problem.****Answers**

- 1) When Vanessa went to the park at 2:30 it was  $61^{\circ}\text{F}$ . By the time she left it had gotten  $12^{\circ}$  warmer. What temperature was it when she left the park?
- 2) A weather station predicted the temperature on Saturday would be  $67^{\circ}\text{F}$ . If the actual temperature was  $12^{\circ}$  colder than their prediction, what temperature was it?
- 3) A desert in Africa had an average temperature last year of  $109^{\circ}\text{F}$ . If the average temperature this year is  $120^{\circ}\text{F}$ , how much warmer is it this year?
- 4) Paige set the thermostat in her house to  $86^{\circ}\text{F}$ , which was  $12^{\circ}$  warmer than the temperature outside. What temperature was it outside?
- 5) The average temperature for January was  $58^{\circ}\text{F}$ . The average temperature for February was  $13^{\circ}$  warmer. What was the average temperature for February?
- 6) Emily poured a glass of tea that was  $100^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $30^{\circ}$ . What temperature was the tea after she added the ice?
- 7) Sarah heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $68^{\circ}\text{F}$ . If the microwave heated it up  $47^{\circ}$ , what temperature was it when she took it out?
- 8) A news station reported that the current temperature was  $123^{\circ}\text{F}$ , but when the cold front came in later, the temperature would drop down to  $86^{\circ}\text{F}$ . How much will the cold front reduce the temperature?
- 9) The temperature inside a store was  $70^{\circ}\text{F}$ , while the temperature outside the store was  $93^{\circ}\text{F}$ . How much colder was it inside the store?
- 10) A news station reported that the current temperature was  $50^{\circ}\text{F}$ , but next week it would be  $39^{\circ}$  warmer. What temperature will it be next week?

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Solve each problem.

- 1) When Vanessa went to the park at 2:30 it was  $61^{\circ}\text{F}$ . By the time she left it had gotten  $12^{\circ}$  warmer. What temperature was it when she left the park?
- 2) A weather station predicted the temperature on Saturday would be  $67^{\circ}\text{F}$ . If the actual temperature was  $12^{\circ}$  colder than their prediction, what temperature was it?
- 3) A desert in Africa had an average temperature last year of  $109^{\circ}\text{F}$ . If the average temperature this year is  $120^{\circ}\text{F}$ , how much warmer is it this year?
- 4) Paige set the thermostat in her house to  $86^{\circ}\text{F}$ , which was  $12^{\circ}$  warmer than the temperature outside. What temperature was it outside?
- 5) The average temperature for January was  $58^{\circ}\text{F}$ . The average temperature for February was  $13^{\circ}$  warmer. What was the average temperature for February?
- 6) Emily poured a glass of tea that was  $100^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $30^{\circ}$ . What temperature was the tea after she added the ice?
- 7) Sarah heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $68^{\circ}\text{F}$ . If the microwave heated it up  $47^{\circ}$ , what temperature was it when she took it out?
- 8) A news station reported that the current temperature was  $123^{\circ}\text{F}$ , but when the cold front came in later, the temperature would drop down to  $86^{\circ}\text{F}$ . How much will the cold front reduce the temperature?
- 9) The temperature inside a store was  $70^{\circ}\text{F}$ , while the temperature outside the store was  $93^{\circ}\text{F}$ . How much colder was it inside the store?
- 10) A news station reported that the current temperature was  $50^{\circ}\text{F}$ , but next week it would be  $39^{\circ}$  warmer. What temperature will it be next week?

**Answers**

1. 73°
2. 55°
3. 11°
4. 74°
5. 71°
6. 70°
7. 115°
8. 37°
9. 23°
10. 89°



Solve each problem.

**Answers**

37°	55°	89°	74°	70°
73°	23°	11°	115°	71°

- 1) When Vanessa went to the park at 2:30 it was 61°F. By the time she left it had gotten 12° warmer. What temperature was it when she left the park?
- 2) A weather station predicted the temperature on Saturday would be 67°F. If the actual temperature was 12° colder than their prediction, what temperature was it?
- 3) A desert in Africa had an average temperature last year of 109°F. If the average temperature this year is 120°F, how much warmer is it this year?
- 4) Paige set the thermostat in her house to 86°F, which was 12° warmer than the temperature outside. What temperature was it outside?
- 5) The average temperature for January was 58°F. The average temperature for February was 13° warmer. What was the average temperature for February?
- 6) Emily poured a glass of tea that was 100°F. After she added some ice cubes the temperature dropped 30°. What temperature was the tea after she added the ice?
- 7) Sarah heated up a slice of pizza in the microwave. Before she put it in, the pizza was 68°F. If the microwave heated it up 47°, what temperature was it when she took it out?
- 8) A news station reported that the current temperature was 123°F, but when the cold front came in later, the temperature would drop down to 86°F. How much will the cold front reduce the temperature?
- 9) The temperature inside a store was 70°F, while the temperature outside the store was 93° F. How much colder was it inside the store?
- 10) A news station reported that the current temperature was 50°F, but next week it would be 39° warmer. What temperature will it be next week?

1. \_\_\_\_\_

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9. \_\_\_\_\_

10. \_\_\_\_\_

**Solve each problem.****Answers**

- 1) On Sunday it was  $88^{\circ}\text{F}$ . On Monday it was  $18^{\circ}$  colder. What temperature was it on Monday?
- 2) Haley measured the temperature of her soda and found that it was  $55^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $22^{\circ}$ . What temperature was the soda after an hour?
- 3) An industrial machine is  $177^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down  $46^{\circ}$ . What temperature is the machine after it cools down?
- 4) Amy poured a glass of tea that was  $94^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $17^{\circ}$ . What temperature was the tea after she added the ice?
- 5) A weather station predicted the temperature on Saturday would be  $73^{\circ}\text{F}$ . If the actual temperature was  $89^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 6) Paige heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $57^{\circ}\text{F}$ . If it was  $103^{\circ}\text{F}$  when she took it out, how much did the microwave heat it?
- 7) Katie set the thermostat in her house to  $80^{\circ}\text{F}$ , which was  $16^{\circ}$  cooler than the temperature outside. What temperature was it outside?
- 8) On Sunday it was  $57^{\circ}\text{F}$ . On Monday it was  $11^{\circ}$  warmer. What temperature was it on Monday?
- 9) The temperature inside a store was  $76^{\circ}\text{F}$ , while the temperature outside the store was  $100^{\circ}\text{F}$ . How much colder was it inside the store?
- 10) Nancy made herself a cup of hot chocolate that was  $72^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $26^{\circ}$ . What temperature was the hot chocolate after she heated it?

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6. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

- 1) On Sunday it was  $88^{\circ}\text{F}$ . On Monday it was  $18^{\circ}$  colder. What temperature was it on Monday?
- 2) Haley measured the temperature of her soda and found that it was  $55^{\circ}\text{F}$ . After sitting out for an hour it had warmed  $22^{\circ}$ . What temperature was the soda after an hour?
- 3) An industrial machine is  $177^{\circ}\text{F}$  when it's being used. After being unused for an hour the machine cools down  $46^{\circ}$ . What temperature is the machine after it cools down?
- 4) Amy poured a glass of tea that was  $94^{\circ}\text{F}$ . After she added some ice cubes the temperature dropped  $17^{\circ}$ . What temperature was the tea after she added the ice?
- 5) A weather station predicted the temperature on Saturday would be  $73^{\circ}\text{F}$ . If the actual temperature was  $89^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 6) Paige heated up a slice of pizza in the microwave. Before she put it in, the pizza was  $57^{\circ}\text{F}$ . If it was  $103^{\circ}\text{F}$  when she took it out, how much did the microwave heat it?
- 7) Katie set the thermostat in her house to  $80^{\circ}\text{F}$ , which was  $16^{\circ}$  cooler than the temperature outside. What temperature was it outside?
- 8) On Sunday it was  $57^{\circ}\text{F}$ . On Monday it was  $11^{\circ}$  warmer. What temperature was it on Monday?
- 9) The temperature inside a store was  $76^{\circ}\text{F}$ , while the temperature outside the store was  $100^{\circ}\text{F}$ . How much colder was it inside the store?
- 10) Nancy made herself a cup of hot chocolate that was  $72^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $26^{\circ}$ . What temperature was the hot chocolate after she heated it?

**Answers**

1. 70°
2. 77°
3. 131°
4. 77°
5. 16°
6. 46°
7. 96°
8. 68°
9. 24°
10. 98°



Solve each problem.

**Answers**

68°	96°	46°	16°	24°
131°	98°	77°	70°	77°

- 1) On Sunday it was 88°F. On Monday it was 18° colder. What temperature was it on Monday?
- 2) Haley measured the temperature of her soda and found that it was 55°F. After sitting out for an hour it had warmed 22°. What temperature was the soda after an hour?
- 3) An industrial machine is 177°F when it's being used. After being unused for an hour the machine cools down 46°. What temperature is the machine after it cools down?
- 4) Amy poured a glass of tea that was 94°F. After she added some ice cubes the temperature dropped 17°. What temperature was the tea after she added the ice?
- 5) A weather station predicted the temperature on Saturday would be 73°F. If the actual temperature was 89°F, how much warmer was it then they predicted?
- 6) Paige heated up a slice of pizza in the microwave. Before she put it in, the pizza was 57°F. If it was 103° F when she took it out, how much did the microwave heat it?
- 7) Katie set the thermostat in her house to 80°F, which was 16° cooler than the temperature outside. What temperature was it outside?
- 8) On Sunday it was 57°F. On Monday it was 11° warmer. What temperature was it on Monday?
- 9) The temperature inside a store was 76°F, while the temperature outside the store was 100° F. How much colder was it inside the store?
- 10) Nancy made herself a cup of hot chocolate that was 72°F. After she put it in the microwave the temperature rose 26°. What temperature was the hot chocolate after she heated it?

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**Solve each problem.****Answers**

- 1) The temperature inside a store was  $63^{\circ}\text{F}$ . If the temperature outside the store was  $19^{\circ}$  warmer, what temperature was it outside?
- 2) Tiffany made herself a cup of hot chocolate that was  $72^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $28^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 3) When Paige went to the park at 2:30 it was  $64^{\circ}\text{F}$ . By the time she left it had gotten  $19^{\circ}$  warmer. What temperature was it when she left the park?
- 4) The temperature inside a store was  $72^{\circ}\text{F}$ , while the temperature outside the store was  $94^{\circ}\text{F}$ . How much colder was it inside the store?
- 5) Isabel set the thermostat in her house to  $90^{\circ}\text{F}$ , which was  $18^{\circ}$  warmer than the temperature outside. What temperature was it outside?
- 6) The average temperature for January was  $45^{\circ}\text{F}$ . The average temperature for February was  $60^{\circ}\text{F}$ . How much warmer was February than January?
- 7) A weather station predicted the temperature on Saturday would be  $101^{\circ}\text{F}$ . If the actual temperature was  $18^{\circ}$  colder than their prediction, what temperature was it?
- 8) A weather station predicted the temperature on Saturday would be  $81^{\circ}\text{F}$ . If the actual temperature was  $99^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 9) The temperature inside a freezer was  $10^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $25^{\circ}$ . What temperature was it after the door was left open?
- 10) When Frank went to the beach in the afternoon it was  $90^{\circ}\text{F}$ . When he came back later that night it was  $10^{\circ}$  colder. What temperature was it at night?

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6. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_



Solve each problem.

- 1) The temperature inside a store was  $63^{\circ}\text{F}$ . If the temperature outside the store was  $19^{\circ}$  warmer, what temperature was it outside?
- 2) Tiffany made herself a cup of hot chocolate that was  $72^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $28^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 3) When Paige went to the park at 2:30 it was  $64^{\circ}\text{F}$ . By the time she left it had gotten  $19^{\circ}$  warmer. What temperature was it when she left the park?
- 4) The temperature inside a store was  $72^{\circ}\text{F}$ , while the temperature outside the store was  $94^{\circ}\text{F}$ . How much colder was it inside the store?
- 5) Isabel set the thermostat in her house to  $90^{\circ}\text{F}$ , which was  $18^{\circ}$  warmer than the temperature outside. What temperature was it outside?
- 6) The average temperature for January was  $45^{\circ}\text{F}$ . The average temperature for February was  $60^{\circ}\text{F}$ . How much warmer was February than January?
- 7) A weather station predicted the temperature on Saturday would be  $101^{\circ}\text{F}$ . If the actual temperature was  $18^{\circ}$  colder than their prediction, what temperature was it?
- 8) A weather station predicted the temperature on Saturday would be  $81^{\circ}\text{F}$ . If the actual temperature was  $99^{\circ}\text{F}$ , how much warmer was it then they predicted?
- 9) The temperature inside a freezer was  $10^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $25^{\circ}$ . What temperature was it after the door was left open?
- 10) When Frank went to the beach in the afternoon it was  $90^{\circ}\text{F}$ . When he came back later that night it was  $10^{\circ}$  colder. What temperature was it at night?

**Answers**

1. 82°
2. 100°
3. 83°
4. 22°
5. 72°
6. 15°
7. 83°
8. 18°
9. 35°
10. 80°



Solve each problem.

**Answers**

83°	15°	100°	35°	18°
82°	80°	72°	83°	22°

- 1) The temperature inside a store was 63°F. If the temperature outside the store was 19° warmer, what temperature was it outside?
- 2) Tiffany made herself a cup of hot chocolate that was 72°F. After she put it in the microwave the temperature rose 28°. What temperature was the hot chocolate after she heated it?
- 3) When Paige went to the park at 2:30 it was 64°F. By the time she left it had gotten 19° warmer. What temperature was it when she left the park?
- 4) The temperature inside a store was 72°F, while the temperature outside the store was 94° F. How much colder was it inside the store?
- 5) Isabel set the thermostat in her house to 90°F, which was 18° warmer than the temperature outside. What temperature was it outside?
- 6) The average temperature for January was 45°F. The average temperature for February was 60°F. How much warmer was February than January?
- 7) A weather station predicted the temperature on Saturday would be 101°F. If the actual temperature was 18° colder than their prediction, what temperature was it?
- 8) A weather station predicted the temperature on Saturday would be 81°F. If the actual temperature was 99°F, how much warmer was it then they predicted?
- 9) The temperature inside a freezer was 10°F. After the door was left open for an hour the temperature had risen 25°. What temperature was it after the door was left open?
- 10) When Frank went to the beach in the afternoon it was 90°F. When he came back later that night it was 10° colder. What temperature was it at night?

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**Solve each problem.****Answers**

- 1) Vanessa measured the temperature of her soda and found that it was  $104^{\circ}\text{F}$ . After putting it in her freezer for an hour it was  $76^{\circ}\text{F}$ . How much did the freezer cool her soda down?
- 2) Tiffany made herself a cup of hot chocolate that was  $75^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $39^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 3) The temperature inside a store was  $66^{\circ}\text{F}$ , while the temperature outside the store was  $96^{\circ}\text{F}$ . How much colder was it inside the store?
- 4) A news station reported that the current temperature was  $88^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $35^{\circ}$ . What temperature will it be after the cold front hits?
- 5) When Amy went to the park at 2:30 PM it was  $79^{\circ}\text{F}$ . By the time she left it had gotten  $10^{\circ}$  cooler. What temperature was it when she left the park?
- 6) Katie set the thermostat in her house to  $77^{\circ}\text{F}$ , while the temperature outside was  $96^{\circ}\text{F}$ . How much cooler was Katie's house than the temperature outside?
- 7) The temperature inside a freezer was  $22^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $23^{\circ}$ . What temperature was it after the door was left open?
- 8) Robin measured the temperature of her soda and found that it was  $85^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $26^{\circ}$ . What temperature was the soda after an hour?
- 9) On Sunday it was  $62^{\circ}\text{F}$ . On Monday it was  $15^{\circ}$  warmer. What temperature was it on Monday?
- 10) The temperature inside a truck was  $89^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $109^{\circ}\text{F}$ . How much did the truck warm up?

1. \_\_\_\_\_
2. \_\_\_\_\_
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4. \_\_\_\_\_
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10. \_\_\_\_\_



Solve each problem.

- 1) Vanessa measured the temperature of her soda and found that it was  $104^{\circ}\text{F}$ . After putting it in her freezer for an hour it was  $76^{\circ}\text{F}$ . How much did the freezer cool her soda down?
- 2) Tiffany made herself a cup of hot chocolate that was  $75^{\circ}\text{F}$ . After she put it in the microwave the temperature rose  $39^{\circ}$ . What temperature was the hot chocolate after she heated it?
- 3) The temperature inside a store was  $66^{\circ}\text{F}$ , while the temperature outside the store was  $96^{\circ}\text{F}$ . How much colder was it inside the store?
- 4) A news station reported that the current temperature was  $88^{\circ}\text{F}$ , but when the cold front came in later the temperature would drop  $35^{\circ}$ . What temperature will it be after the cold front hits?
- 5) When Amy went to the park at 2:30 PM it was  $79^{\circ}\text{F}$ . By the time she left it had gotten  $10^{\circ}$  cooler. What temperature was it when she left the park?
- 6) Katie set the thermostat in her house to  $77^{\circ}\text{F}$ , while the temperature outside was  $96^{\circ}\text{F}$ . How much cooler was Katie's house then the temperature outside?
- 7) The temperature inside a freezer was  $22^{\circ}\text{F}$ . After the door was left open for an hour the temperature had risen  $23^{\circ}$ . What temperature was it after the door was left open?
- 8) Robin measured the temperature of her soda and found that it was  $85^{\circ}\text{F}$ . After putting it in her freezer for an hour it cooled off  $26^{\circ}$ . What temperature was the soda after an hour?
- 9) On Sunday it was  $62^{\circ}\text{F}$ . On Monday it was  $15^{\circ}$  warmer. What temperature was it on Monday?
- 10) The temperature inside a truck was  $89^{\circ}\text{F}$ . After sitting in the sun for an hour the temperature rose to  $109^{\circ}\text{F}$ . How much did the truck warm up?

**Answers**

1. 28°
2. 114°
3. 30°
4. 53°
5. 69°
6. 19°
7. 45°
8. 59°
9. 77°
10. 20°



Solve each problem.

**Answers**

77°	19°	45°	114°	59°
28°	20°	69°	30°	53°

- 1) Vanessa measured the temperature of her soda and found that it was 104°F. After putting it in her freezer for an hour it was 76°F. How much did the freezer cool her soda down?
- 2) Tiffany made herself a cup of hot chocolate that was 75°F. After she put it in the microwave the temperature rose 39°. What temperature was the hot chocolate after she heated it?
- 3) The temperature inside a store was 66°F, while the temperature outside the store was 96° F. How much colder was it inside the store?
- 4) A news station reported that the current temperature was 88°F, but when the cold front came in later the temperature would drop 35°. What temperature will it be after the cold front hits?
- 5) When Amy went to the park at 2:30 PM it was 79°F. By the time she left it had gotten 10° cooler. What temperature was it when she left the park?
- 6) Katie set the thermostat in her house to 77°F, while the temperature outside was 96°F. How much cooler was Katie's house then the temperature outside?
- 7) The temperature inside a freezer was 22°F. After the door was left open for an hour the temperature had risen 23°. What temperature was it after the door was left open?
- 8) Robin measured the temperature of her soda and found that it was 85°F. After putting it in her freezer for an hour it cooled off 26°. What temperature was the soda after an hour?
- 9) On Sunday it was 62°F. On Monday it was 15° warmer. What temperature was it on Monday?
- 10) The temperature inside a truck was 89°F. After sitting in the sun for an hour the temperature rose to 109° F. How much did the truck warm up?

1. \_\_\_\_\_
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